ABSTRACT

~~Disclosed is~~ A nozzle for continuous casting of clean steel[[,]] is capable of preventing adhesion of Al_2O_3-based inclusions to a wall surface of the inner hole of the nozzle while fully achieving an effect of a swirl vane. The swirl vane ~~provided as a means to prevent occurrence~~ of prevents drift in molten steel passing through the inner hole. The swirl vane is disposed in the inner hole. ~~having the~~ A wall surface is at least partly formed as a tubular-shaped refractory layer and is prepared by controlling a weight ratio of CaO / MgO and an apparent porosity to have a thickness of 3 to 20 mm, so as to prevent adhesion of Al_2O_3-based inclusions to the wall surface and the swirl vane while effectively maintaining the anti-drift effect for long hours. Further, inert gas is injected into a molten steel flow between an upper nozzle and the swirl vane to facilitate surfacing of Al_2O_3-based inclusions in a mold and reduce Al_2O_3-based inclusions in molten steel so as to achieve stable casting operation and high-quality steel with high cleanness.